

U-18-02

PTO/SB/16 (02-01)

Approved for use through 10/31/2002. OMB 0651-0032
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PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53 (c).

INVENTOR(S)		
Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Deborah Lee	Zimmerman	San Francisco, California
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>second</u> separately numbered sheets attached hereto		
TITLE OF THE INVENTION (500 characters max)		
METHODS FOR PREVENTING AND TREATING CANCER METASTASIS AND BONE LOSS ASSOCIATED WITH CANCER METASTASIS		
CORRESPONDENCE ADDRESS		
Direct all correspondence to:		
<input type="checkbox"/> Customer Number _____ →		
OR Type Customer Number here		
<input checked="" type="checkbox"/> Firm or Individual Name	Chiron Corporation	
Address	Intellectual Property R338	
Address	P.O. Box 8097	
City	Emeryville	State CA ZIP 94662-8097
Country	US	Telephone (510) 655-8730 Fax (510) 655-3542
ENCLOSED APPLICATION PARTS (check all that apply)		
<input checked="" type="checkbox"/> Specification Number of Pages	23	<input type="checkbox"/> CD(s), Number _____
<input checked="" type="checkbox"/> Drawing(s) Number of Sheets	3	<input checked="" type="checkbox"/> Other (specify) _____ Fee Transmittal (+ copy) _____
<input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		
<input checked="" type="checkbox"/> A check or money order for \$ 160 is enclosed to cover the filing fees.		
<input type="checkbox"/> The Commissioner is hereby authorized to charge filing fees to Deposit Account Number: <u>04-0258</u>		
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account Number: <u>04-0258</u>		
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.		
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.		
<input checked="" type="checkbox"/> No.		
<input type="checkbox"/> Yes, the name of the U.S. Government agency and the Government contract number are: _____.		

Respectfully submitted,			
SIGNATURE		DATE	November 15, 2002
TYPED or PRINTED NAME	Jan E. R. Potter	REGISTRATION NO. (if appropriate)	33,332
TELEPHONE	(206) 628-7650	DOCKET NUMBER:	59516-153/PP-19420.001

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

This collection of information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Patent Application, Commissioner for Patents, Washington, D.C. 20231.
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PROVISIONAL APPLICATION COVER SHEET
Additional Page

PTO/SB/16 (8-00)

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		Type a plus sign (+) inside this box →	+
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INVENTOR(S)/APPLICANT(S)

Given Name (first and middle [if any])	Family or Surname	Residence (City and either State or Foreign Country)
Gregory M.	Harrowe	Berkley, California
Cheng	Liu	Richmond, California
Kirston	Koths	Emeryville, California
William M.	Kavanaugh	Orinda, California

Number 2 of 2

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 160.00

Complete If Known	
Application Number	
Filing Date	November 15, 2002
First Named Inventor	Deborah L. Zimmerman
Examiner Name	
Group Art Unit	
Attorney Docket No.	59516-153/PP-19420.001

METHOD OF PAYMENT

Payment Enclosed:
 Check Credit card Money Order Other

Deposit Account:
 Deposit Account Number **04-0258**
 Deposit Account Name **Davis Wright Tremaine LLP**

The Commissioner is authorized to (check all that apply)
 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 Charge any deficiencies

to the above-identified deposit account.

Applicant claims small entity status. See 37 CFR 1.27.

FEE CALCULATION

1. BASIC FILING FEE

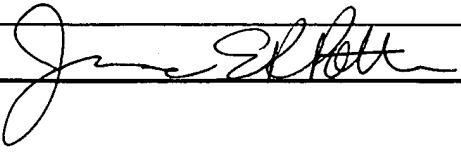
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370			Utility filing fee	
106	330	206	165			Design filing fee	
107	510	207	255			Plant filing fee	
108	740	208	370			Reissue filing fee	
114	160	214	80			Provisional filing fee	160
				SUBTOTAL (1)		(\$ 160)	

2. EXTRA CLAIM FEES

Total Claims	-**	=	Extra Claims	*	Fee from below	*	Fee Paid
Independent Claims							
Multiple Dependent							
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	18	203	9			Claims in excess of 20	
102	84	202	42			Independent claims in excess of 3	
104	280	204	140			Multiple dependent claim, if not paid	
109	84	209	42			** Reissue independent claims over original patent	
110	18	210	9			** Reissue claims in excess of 20 and over original patent	
				SUBTOTAL (2)		(\$ 0)	

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)							
3. ADDITIONAL FEES		Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65			Surcharge - late filing fee or oath	
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English specification	
147	2,520	147	2,520			For filing a request for ex parte reexamination	
112	920*	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	400	216	200			Extension for reply within second month	
117	920	217	460			Extension for reply within third month	
118	1,440	218	720			Extension for reply within fourth month	
128	1,960	228	980			Extension for reply within fifth month	
119	320	219	160			Notice of Appeal	
120	320	220	160			Filing a brief in support of an appeal	
121	280	221	140			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive – unavoidable	
141	1,280	241	640			Petition to revive – unintentional	
142	1,280	242	640			Utility issue fee (or reissue)	
143	460	243	230			Design issue fee	
144	620	244	310			Plant issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Petitions related to provisional applications	
126	180	126	180			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	
146	740	246	370			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370			For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370			Request for Continued Examination (RCE)	
169	900	169	900			Request for expedited examination of a design application	
Other fee (specify) _____							
*Reduced by Basic Filing Fee Paid							
SUBTOTAL (3) (\$ 0)							

SUBMITTED BY			
Name (Print/Type)	Jane E. R. Potter		Registration No. Attorney/Agent
Firm Name/Address	33,332		
Signature			Date November 15, 2002
 22504 <small>PATENT TRADEMARK OFFICE</small>			